

Fig. 1

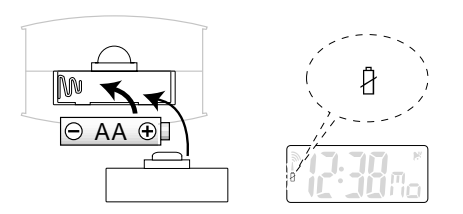


Fig. 2a

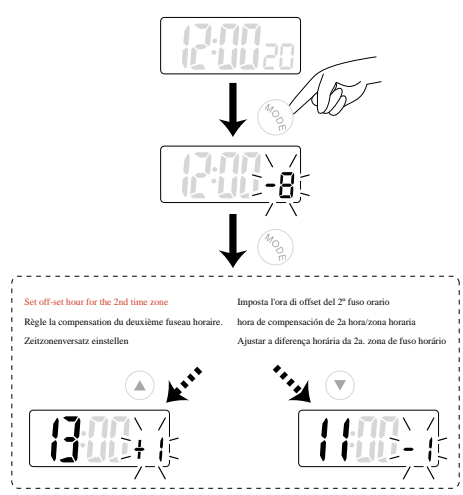


Fig. 2b

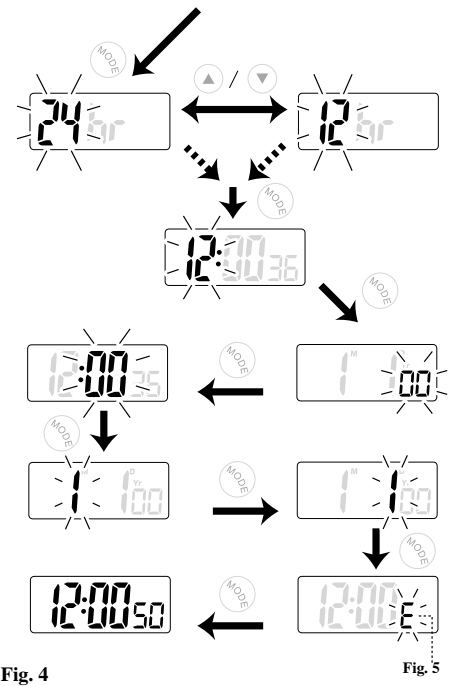


Fig. 3

	Strong, Forte, Stark, Buona, Fuerte, Forte
	Weak, Faible, Schwach, Debole, Devil, Fraco
	No Reception, Pas de réception, Kein Empfang, Ricezione nulla, No Hay Recepcion, Sem sinal
	Receiving, Recevant, Empfang, Ricezione, Recibiendo, A receber

Fig. 3

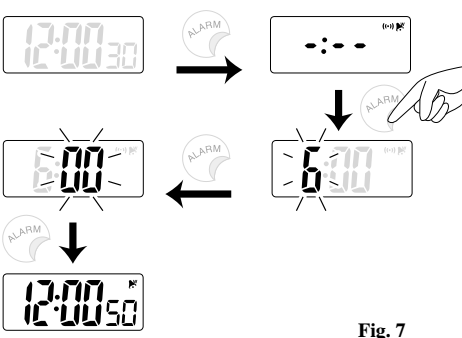


Fig. 4

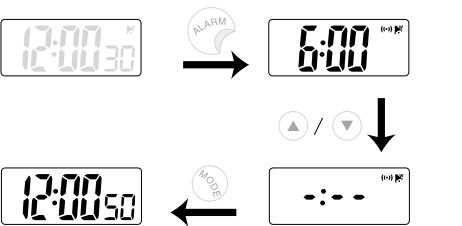


Fig. 5

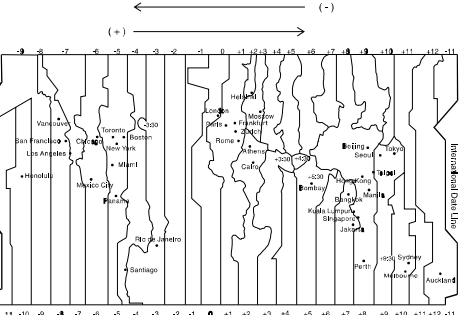


Fig. 6

Language	Day-of-the-week	Affichage du jour	Wochentagsanzeige
Language	Giorno della settimana	Día de la semana	Día de Semana
Langues	Monday Tuesday Wednesday Thursday Friday Saturday Sunday		
Sprache	Lundi Mardi Mercredi Jeudi Vendredi Samedi Dimanche		
Lingue	Montag Dienstag Mittwoch Donnerstag Freitag Samstag Sonntag		
Idiomas	Lunes Martes Miércoles Jueves Viernes Sábado Domingo		
Lingua	Segunda Terça Quarta Quinta Sexta Sábado Domingo		
English	English		
Anglais			
Englisch			
Inglese			
Ingles			
Ingles			
German	German		
Allemand			
Deutsch			
Tedesco			
Alemán			
Alemão			
French	French		
Français			
Französisch			
Francesce			
Frances			
Francés			
Italian	Italian		
Italian			
italienisch			
Italiano			
Italiano			
Spanish	Spanish		
Español			
Spanisch			
Spagnolo			
Español			
Español			

Fig. 5

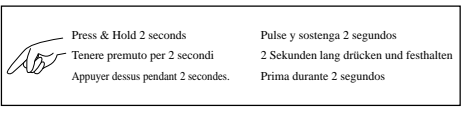


Fig. 6

ENGLISH

INTRODUCTION

Congratulations on your purchase of the RM981A Radio-controlled Clock.

Features of RM981A include:

- RF controlled Clock and Calendar
- Backlight for night viewing
- Dual Alarm (Single and Weekday Alarm) with Snooze function

MAIN FEATURE [FIG. 1]

A. SNOOZE BUTTON

- Press to turn on the backlight for 5 seconds
- Press to activate the 8-minute Snooze function when alarm goes off

B. LCD Display

- Displays clock function

C. ALARM BUTTON

- Press to toggle among Weekday Alarm, Single Alarm and Clock mode
- Press and hold for 2 seconds to enter the alarm time setting mode when the respective alarm mode is in display

D. MODE BUTTON

- Press to toggle among the following displays:  
Clock with Second → Clock with Weekday → Clock with offset hour → ...
- Press and hold for 2 seconds to enter the clock setting mode

E. UP & DOWN BUTTONS

- Press to increase or decrease the value of a setting
- Press to activate or deactivate the alarm when the respective alarm time is shown

F. BATTERY COMPARTMENT

- Uses 1 piece of UM-3 or "AA" battery

BATTERY INSTALLATION [Fig. 2a]

**Remark:** Replace with new battery when the low battery indicator [ ] is displayed [Fig. 2b]

HOW TO USE THE BACKLIGHT

Press the SNOOZE button to turn on the backlight for 5 seconds.

ABOUT RADIO RECEPTION [FIG. 3]

RM981A is designed to synchronize its calendar clock automatically once it is brought within range of the radio signal from the U.S. Atomic Clock **When the unit is new and just out of the box, synchronization with the U.S. Atomic Clock can take up to 72 hours .**

When the unit is receiving signal, the Radio Reception symbol will start to blink. Generally, complete reception takes around 2 to 10 minutes depending on the strength of the radio signal.

To disable the reception of RF signal manually, press and hold the **DOWN** button for 2 seconds until the Radio Reception symbol disappear.

To enable the reception again, press and hold the **UP** button for 2 seconds. The Radio Reception symbol will blink and the unit will search for RF signal automatically.

Interference

Reception can be affected by a number of factors. For best reception, place the device away from metal objects and electrical appliances. **Other causes for signal interference include electrical power transmission towers, steel reinforced concrete construction, and/or metal siding.**

**Note:** Radio Frequency appliances such as the Projection Alarm Clock perform best when placed near a window. After receiving the initial signal, updates are accomplished with greater ease. Even though there are areas that may have more difficulty in receiving a signal, the Projection Alarm Clock contains very accurate quartz movement and will retain precise time even if a signal is missed on a rare occasion.

HOW TO SET THE CLOCK AND CALENDAR MANUALLY [Fig. 4] & [Fig. 5]

It is unlikely that you will want or need to manually set the Alarm Clock. Should the need or desire to manually set the clock arise, please follow (Fig.4).To set the calendar manually follow instructions in Fig. (5).The default clock setting is 1st of January, 2001; 12:00pm (Pacific zone-time) with hour-offset preset as -8 hours. Please note that upon successful reception of the signal from the U.S. Atomic Clock, the time display will be adjusted to Pacific zone-time automatically. You can set the offset-hour as follow in order to display the other US time-zones:

- 7 — Mountain
- 6 — Central
- 5 — Eastern

Otherwise, you can change the offset-hour to display other zone-time outside the U.S. (Fig 6).

HOW TO SET AND ACTIVATE THE ALARM

This unit is equipped with 2 alarms: Single Alarm [ ] and Weekday Alarm [ ]. For the Single Alarm, it will go off only once at the preset time. For the Weekday Alarm, it will be enabled from Monday to Friday and disabled automatically during weekend (i.e., Saturday and Sunday).

To set and activate the alarm, see [FIG. 7]

Follow the same procedures to set and activate the Single and/or Weekday Alarm.

To deactivate the alarm, see [FIG. 8]

Use the [ **up** ] and [ **down** ] button to activate / deactivate the alarm in the respective Alarm Display Mode.

CRESCENDO ALARM AND SNOOZE FUNCTION

When the alarm goes off at the preset time, the backlight will be turned on for 8 seconds. The ALARM ON icon [ ] flashing and the alarm sound will be turned on.

The crescendo alarm function allows the alarm sound to start off gently with step-up intensity. Without interruption, the alarm will go off for 2 minutes.

To stop the alarm, press **ALARM** or **SNOOZE**. If **SNOOZE** button is pressed, the alarm sound will be turned off temporarily and the snooze function will be activated. The alarm will go off again after approx. 8 minutes until other key is pressed to turn off the alarm.

RESETTING THE UNIT

In case of malfunction or abnormal display, take out and re-install the batteries again. All settings will be cleared and reset to their default values.

MAINTENANCE

When handled properly, this unit is engineered to give you years of satisfactory service. Here are a few product care instructions:

1. Do not immerse the unit in water. If the unit comes in contact with water, dry it immediately with a soft lint-free cloth.
2. Do not clean the unit with abrasive or corrosive materials. Abrasive cleaning agents may scratch the plastic parts and corrode the electronic circuit.
3. Do not subject the unit to excessive: force, shock, dust, temperature, or humidity. Such treatment may result in malfunction, a shorter electronic life span, damaged batteries, or distorted parts.
4. Do not tamper with the unit's internal components. Doing so will terminate the unit's warranty and may cause damage. The unit contains no user-serviceable parts.
5. Only use new batteries as specified in this instruction manual.
6. Read this instruction manual thoroughly before operating the unit.

SPECIFICATIONS

**Operating Temperature** : 23°F to 122°F

Clock Functions

Radio Control	: By Radio signal generated from the U.S. Atomic Clock
Calendar	: Weekday in English, German, French, Italian and Spanish Month / Day
Clock Time	: 12 / 24 hour format
Accuracy	: +/-0.5 second/day (when RF is disabled)
Hour Offset	: +/- 9 hours

General Specification

Battery Type	: 1 piece of UM3 or "AA" size 1.5V battery
Unit Dimension	: 4.13x3.54x2.17 inches (H x W x D)
Unit Weight	: 4.87 ounces (without battery)

CUSTOMER ASSISTANCE

Should you require assistance regarding this product and its operation, please contact our customer care department at 541-868-8205 or via email at [helpme@oscientific.com](mailto:helpme@oscientific.com).

WARRANTY

This product is warranted to be free of manufacturing defects for a period of 90 days from date of retail purchase. Defective product should be directed to the place of retail purchase for exchange. Should this not be possible, contact our customer care department for assistance and a return material authorization. No returns may be made without a return authorization. Please retain your retail receipt as you may be asked to provide a copy of it for proof of date purchased.

This warranty does not cover product subjected to abuse, misuse, accidental damage or tampering.

CAUTION

- The content of this manual is subject to change without further notice.
- Due to printing limitation, the displays shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

